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Monoclonal antibodies to human interferon alpha-1 - produced by specified hybridoma cell lines

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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DD 279266	A	19900530	DD 324770	A	19890102	199044 B

Priority Applications (No Type Date): DD 324770 A 19890102

Abstract (Basic): DD 279266 A

Prodn. of monoclonal antibodies against human interferon alpha-1 (I) is effected by immunising Balb/c mice with (I), fusing the mouse spleen cells with SP2/O myelome cells in the presence of polyethylene glycol, selecting the resulting hybridoma, determining their specificity by sandwich immunoassay or antibody inhibition tests, selecting the specific hybridomas IV H2 (ZIM 0396), V DII (ZIM 0397) or V D5 (ZIM 0399), and culturing the hybridomas in vitro or in VIVO.

USE/ADVANTAGE - The antibodies are useful in biotechnical analysis and medical diagnosis, and for purifying (I) by affinity chromatography. The antibodies recognise different epitopes from the known anti-(I) antibody II GII (ZIM 0087), and are not cross-reactive with other human interferon alpha subtypes (e.g. alpha-2).

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Derwent Class: B04; D16

International Patent Class (Additional): A61K-039/39; C12N-005/02